

Freeform Search

Database:	US Pre-Grant Publication Full-Text Database
	US Patents Full-Text Database
	US OCR Full-Text Database
	EPO Abstracts Database
	JPO Abstracts Database
	Derwent World Patents Index
	IBM Technical Disclosure Bulletins

Term:	<input type="text" value="L3"/>
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Display:	<input type="text" value="10"/> Documents in	Display Format:	<input type="text" value="CIT"/>	Starting with Number	<input type="text" value="1"/>
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Generate:	<input type="radio"/> Hit List	<input checked="" type="radio"/> Hit Count	<input type="radio"/> Side by Side	<input type="radio"/> Image
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Search History

DATE: Wednesday, August 25, 2004 [Printable Copy](#) [Create Case](#)

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
side by side			result set

DB=USPT; PLUR=YES; OP=OR

<u>L4</u>	L3	0	<u>L4</u>
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DB=PGPB; PLUR=YES; OP=OR

<u>L3</u>	hajdukiewicz.in.	2	<u>L3</u>
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DB=USPT; PLUR=YES; OP=OR

<u>L2</u>	hajdukiewicz.in.	0	<u>L2</u>
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<u>L1</u>	hajdukiewicz.in.	0	<u>L1</u>
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END OF SEARCH HISTORY

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 6 of 6 returned.

☐ 1. Document ID: US 20030113921 A1

Using default format because multiple data bases are involved.

L5: Entry 1 of 6

File: PGPB

Jun 19, 2003

PGPUB-DOCUMENT-NUMBER: 20030113921
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030113921 A1

TITLE: Nucleic acid sequences capable of improving homologous recombination in plants and plant plastids

PUBLICATION-DATE: June 19, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
<u>Gilbertson, Larry A.</u>	Chesterfield	MO	US	
Staub, Jeffrey M.	Wildwood	MO	US	

US-CL-CURRENT: 435/475; 435/320.1, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Drawings
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☐ 2. Document ID: US 20030110532 A1

L5: Entry 2 of 6

File: PGPB

Jun 12, 2003

PGPUB-DOCUMENT-NUMBER: 20030110532
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030110532 A1

TITLE: Methods for enhancing segregation of transgenes in plants and compositions thereof

PUBLICATION-DATE: June 12, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Armstrong, Toni	St. Louis	MO	US	
Barton, Kenneth	Chesterfield	MO	US	
Crow, Laura J.	Middleton	WI	US	
<u>Gilbertson, Larry A.</u>	Chesterfield	MO	US	

Huang, Shihshieh	Stonington	CT	US
Huang, Yong	Oakland	FL	US
Martinell, Brian J.	Mount Horeb	WI	US
Petersen, Michael W.	Hillpoint	WI	US
Piller, Kenneth J.	Davidson	NC	US
Wang, Qi	St. Louis	MO	US
Ye, Xudong	Madison	WI	US

US-CL-CURRENT: 800/279; 435/320.1, 435/419, 536/23.2, 800/281

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 20010056583 A1

L5: Entry 3 of 6

File: PGPB

Dec 27, 2001

PGPUB-DOCUMENT-NUMBER: 20010056583

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20010056583 A1

TITLE: Homologous recombination-mediated transgene alterations in plants

PUBLICATION-DATE: December 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
McElroy, David	Redwood City	CA	US	
Walters, David A.	North Stonington	CT	US	
Gilbertson, Larry A.	Chesterfield	MO	US	

US-CL-CURRENT: 800/278; 435/468, 536/23.6, 536/23.7, 800/260, 800/288, 800/298,
800/300, 800/302, 800/320, 800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 6750379 B2

L5: Entry 4 of 6

File: USPT

Jun 15, 2004

US-PAT-NO: 6750379

DOCUMENT-IDENTIFIER: US 6750379 B2

TITLE: Homologous recombination-mediated transgene alterations in plants

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy, David	Redwood City	CA		

Walters; David A. North Stonington CT
Gilbertson; Larry A. Chesterfield MO

US-CL-CURRENT: 800/278; 800/260, 800/275, 800/288, 800/300, 800/306, 800/312,
800/314, 800/317.2, 800/320, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw. De
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☐ 5. Document ID: US 6047609 A

L5: Entry 5 of 6

File: USPT

Apr 11, 2000

US-PAT-NO: 6047609

DOCUMENT-IDENTIFIER: US 6047609 A

TITLE: Remote control mechanism

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brower; David R.	Fond du Lac	WI		
Floeter; Larry A.	Campbellsport	WI		
Gilbertson; Gary G.	Fond du Lac	WI		

US-CL-CURRENT: 74/473.19; 440/86, 74/480R

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMC	Draw. De
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☐ 6. Document ID: US 6025536 A

L5: Entry 6 of 6

File: USPT

Feb 15, 2000

US-PAT-NO: 6025536

DOCUMENT-IDENTIFIER: US 6025536 A

TITLE: Process of manufacturing a cobalt-chromium orthopaedic implant without covering defects in the surface of the implant

DATE-ISSUED: February 15, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bender; Larry S.	Leesburg	IN		
Blakemore; David M.	Warsaw	IN		
Compton; Richard C.	Warsaw	IN		
Cwik; Richard B.	Mishawaka	IN		
Gilbertson; Leslie N.	Warsaw	IN		
Humphrey; Steven M.	Warsaw	IN		

Kitch; Steven C.	Akron	IN
Merchant; Kris K.	Fort Wayne	IN
Mosher; Tim A.	Warsaw	IN
Reed; Robin J.	Warsaw	IN

US-CL-CURRENT: 623/23.53

Full	Title	Citation	Front	Review	Classification	Date	Reference	IP/PA/PPH	ON/PA/PPH	Claims	KAMC	Draw. Doc
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
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Refine Search

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Database:

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Search:

L1

[Refine Search](#)[Recall Text](#)[Clear](#)[Interrupt](#)

Search History

DATE: Wednesday, August 25, 2004 [Printable Copy](#) [Create Case](#)

Set Name Query

side by side

Hit Count Set Name

result set

DB=USPT; PLUR=YES; OP=OR

<u>L1</u>	plastid and recombina	38	<u>L1</u>
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END OF SEARCH HISTORY

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☐ 1. Document ID: US 6762347 B1

L1: Entry 1 of 38

File: USPT

Jul 13, 2004

US-PAT-NO: 6762347

DOCUMENT-IDENTIFIER: US 6762347 B1

TITLE: NOR gene compositions and methods for use thereof

DATE-ISSUED: July 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Giovannoni; James	Ithaca	NY	14850	
Tanksley; Steven	Ithaca	NY	14850	
Vrebalov; Julia	Ithaca	NY	14850	
Noensie; Frederick	New York	NY	10016	

US-CL-CURRENT: 800/286; 435/320.1, 800/292, 800/293, 800/294

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 2. Document ID: US 6750379 B2

L1: Entry 2 of 38

File: USPT

Jun 15, 2004

US-PAT-NO: 6750379

DOCUMENT-IDENTIFIER: US 6750379 B2

TITLE: Homologous recombination-mediated transgene alterations in plants

DATE-ISSUED: June 15, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Redwood City	CA		
Walters; David A.	North Stonington	CT		
Gilbertson; Larry A.	Chesterfield	MO		

US-CL-CURRENT: 800/278; 800/260, 800/275, 800/288, 800/300, 800/306, 800/312,
800/314, 800/317.2, 800/320, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 3. Document ID: US 6747189 B1

L1: Entry 3 of 38

File: USPT

Jun 8, 2004

US-PAT-NO: 6747189

DOCUMENT-IDENTIFIER: US 6747189 B1

TITLE: Maize glycine rich protein promoter compositions and methods for use thereof

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/287; 435/419, 435/468, 536/24.1, 800/298, 800/306, 800/312,
800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,
800/320.3, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 4. Document ID: US 6746870 B1

L1: Entry 4 of 38

File: USPT

Jun 8, 2004

US-PAT-NO: 6746870

DOCUMENT-IDENTIFIER: US 6746870 B1

TITLE: DNA recombination in eukaryotic cells by the bacteriophage PHIC31 recombination system

DATE-ISSUED: June 8, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ow; David W.	Hercules	CA		
Calendar; Richard	Berkeley	CA		
Thomason; Lynn	Albany	CA		

US-CL-CURRENT: 435/477; 435/252.35, 435/320.1, 435/471

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 5. Document ID: US 6723896 B1

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stemmer; Willem P. C.	Los Gatos	CA		
Subramanian; Venkitswaran	San Diego	CA		
Raillard; Sun Ai	Mountain View	CA		
Huisman; Gjalt	San Carlos	CA		

US-CL-CURRENT: 435/440; 435/6, 435/91.2, 536/23.1, 536/24.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 8. Document ID: US 6670154 B1

L1: Entry 8 of 38

File: USPT

Dec 30, 2003

US-PAT-NO: 6670154

DOCUMENT-IDENTIFIER: US 6670154 B1

TITLE: Automatic eukaryotic artificial chromosome vector

DATE-ISSUED: December 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hitzeman; Ronald A.	Pacifica	CA	94044	
Chisholm, IV; George E.	San Mateo	CA	94403	

US-CL-CURRENT: 435/91.42; 435/320.1, 435/454

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 9. Document ID: US 6646182 B2

L1: Entry 9 of 38

File: USPT

Nov 11, 2003

US-PAT-NO: 6646182

DOCUMENT-IDENTIFIER: US 6646182 B2

**** See image for Certificate of Correction ****

TITLE: Mrell orthologue and uses thereof

DATE-ISSUED: November 11, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahajan; Pramod B.	Urbandale	IA		

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/69.1, 536/23.1, 536/24.1, 536/24.5,

800/295, 800/312, 800/314, 800/317, 800/320, 800/320.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 10. Document ID: US 6635806 B1

L1: Entry 10 of 38

File: USPT

Oct 21, 2003

US-PAT-NO: 6635806

DOCUMENT-IDENTIFIER: US 6635806 B1

**** See image for Certificate of Correction ****

TITLE: Methods and compositions for expression of transgenes in plants

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kriz; Alan L.	Gales Ferry	CT		
Luethy; Michael H.	Old Mystic	CT		
Voyles; Dale A.	Griswold	CT		

US-CL-CURRENT: 800/287; 536/24.1, 800/298, 800/300, 800/301, 800/302, 800/303,
800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,
800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
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Search Results - Record(s) 11 through 20 of 38 returned.

☐ 11. Document ID: US 6635417 B1

L1: Entry 11 of 38

File: USPT

Oct 21, 2003

US-PAT-NO: 6635417

DOCUMENT-IDENTIFIER: US 6635417 B1

TITLE: Complex formation between DSDNA and oligomer of cyclic heterocycles

DATE-ISSUED: October 21, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dervan; Peter B.	San Marino	CA		

US-CL-CURRENT: 435/6; 436/501

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 12. Document ID: US 6632980 B1

L1: Entry 12 of 38

File: USPT

Oct 14, 2003

US-PAT-NO: 6632980

DOCUMENT-IDENTIFIER: US 6632980 B1

TITLE: Binary viral expression system in plants

DATE-ISSUED: October 14, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yadav; Narendra S.	Chadds Ford	PA		
Falco; S. Carl	Wilmington	DE		

US-CL-CURRENT: 800/278; 435/320.1, 435/468, 800/280, 800/285, 800/287, 800/298, 800/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw D
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☐ 13. Document ID: US 6586658 B1

L1: Entry 13 of 38

File: USPT

Jul 1, 2003

US-PAT-NO: 6586658

DOCUMENT-IDENTIFIER: US 6586658 B1

TITLE: Modification of fatty acid metabolism in plants

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Peoples; Oliver P.	Arlington	MA		
Moloney; Maurice	Calgary			CA
Patterson; Nii	Calgary			CA
Snell; Kristi D.	Belmont	MA		

US-CL-CURRENT: 800/281; 435/468, 435/6, 435/91.1, 536/23.2, 536/23.6, 800/278,
800/298

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 14. Document ID: US 6583338 B2

L1: Entry 14 of 38

File: USPT

Jun 24, 2003

US-PAT-NO: 6583338

DOCUMENT-IDENTIFIER: US 6583338 B2

TITLE: Maize A3 promoter and methods for use thereof

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Kriz; Alan L.	Gales Ferry	CT		
Orozco, Jr.; Emil M.	West Grove	PA		
Griffor; Matt	N. Stonington	CT		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/413, 435/414, 435/415, 435/416,
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,
800/260, 800/279, 800/281, 800/284, 800/287, 800/289, 800/290, 800/295, 800/300,
800/312, 800/314, 800/317, 800/320, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 15. Document ID: US 6583275 B1

L1: Entry 15 of 38

File: USPT

Jun 24, 2003

US-PAT-NO: 6583275

DOCUMENT-IDENTIFIER: US 6583275 B1

TITLE: Nucleic acid sequences and expression system relating to Enterococcus faecium for diagnostics and therapeutics

DATE-ISSUED: June 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Doucette-Stamm; Lynn A.	Framingham	MA		
Bush; David	Somerville	MA		

US-CL-CURRENT: 536/23.1; 435/243, 435/320.1, 435/325, 435/6, 536/24.3, 536/24.32

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 16. Document ID: US 6580019 B1

L1: Entry 16 of 38

File: USPT

Jun 17, 2003

US-PAT-NO: 6580019

DOCUMENT-IDENTIFIER: US 6580019 B1

TITLE: Non-reciprocal recombination-mediated transgene deletion in transgenic plants

DATE-ISSUED: June 17, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Redwood City	CA		
Walters; David A.	North Stonington	CT		

US-CL-CURRENT: 800/320

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 17. Document ID: US 6562593 B2

L1: Entry 17 of 38

File: USPT

May 13, 2003

US-PAT-NO: 6562593

DOCUMENT-IDENTIFIER: US 6562593 B2

TITLE: Isolated human transporter proteins, nucleic acid molecules encoding human transporter proteins, and uses thereof

DATE-ISSUED: May 13, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Merkulov; Gennady	Baltimore	MD		
Guegler; Karl	Menlo Park	CA		
Webster; Marion	San Francisco	CA		
Ketchum; Karen A.	Germantown	MD		
Di Francesco; Valentina	Rockville	MD		
Beasley; Ellen M.	Darnestown	MD		

US-CL-CURRENT: 435/69.1; 435/320.1, 435/325, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 18. Document ID: US 6541684 B1

L1: Entry 18 of 38

File: USPT

Apr 1, 2003

US-PAT-NO: 6541684

DOCUMENT-IDENTIFIER: US 6541684 B1

TITLE: Nucleotide sequences encoding maize RAD51

DATE-ISSUED: April 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bowen; Benjamin A.	Hayward	CA		
Chamberlin; Mark A.	Windsor Heights	IA		
Drummond; Bruce J.	Des Moines	IA		
McElver; John A.	Durham	NC		
Rothstein; Rodney J.	Maplewood	NJ		

US-CL-CURRENT: 800/320.1; 435/196, 435/69.1, 536/23.1, 536/23.5, 536/24.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D.
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☐ 19. Document ID: US 6501008 B1

L1: Entry 19 of 38

File: USPT

Dec 31, 2002

US-PAT-NO: 6501008

DOCUMENT-IDENTIFIER: US 6501008 B1

TITLE: Maize endo-1,3;1,4-.beta.-glucanase nucleic acid

DATE-ISSUED: December 31, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nevins; Donald J.	Davis	CA		

Simmons; Carl R. Des Moines IA

US-CL-CURRENT: [800/298](#); [435/320.1](#), [435/419](#), [536/23.2](#), [536/23.6](#), [800/278](#), [800/290](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 20. Document ID: US 6498022 B2

L1: Entry 20 of 38

File: USPT

Dec 24, 2002

US-PAT-NO: 6498022

DOCUMENT-IDENTIFIER: US 6498022 B2

TITLE: Isolated nucleic acid molecules encoding human carbonate transporter proteins, and uses thereof

DATE-ISSUED: December 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wei; Ming-Hui	Germantown	MD		
Li; Jiayin	Potomac	MD		
Gong; Fangcheng	Germantown	MD		
Gabrielian; Andrei	Rockville	MD		
Ketchum; Karen A.	Germantown	MD		
Di Francesco; Valentina	Rockville	MD		
Beasley; Ellen M.	Darnestown	MD		

US-CL-CURRENT: [435/69.1](#); [435/252.3](#), [435/320.1](#), [536/23.5](#)

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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Search Results - Record(s) 21 through 30 of 38 returned.

☐ 21. Document ID: US 6483011 B1

L1: Entry 21 of 38

File: USPT

Nov 19, 2002

US-PAT-NO: 6483011

DOCUMENT-IDENTIFIER: US 6483011 B1

TITLE: Modified ADP-glucose pyrophosphorylase for improvement and optimization of plant phenotypes

DATE-ISSUED: November 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stemmer; Willem P. C.	Los Gatos	CA		
Subramanian; Venkiteswaran	San Diego	CA		

US-CL-CURRENT: 800/284; 435/419, 435/6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 22. Document ID: US 6437217 B1

L1: Entry 22 of 38

File: USPT

Aug 20, 2002

US-PAT-NO: 6437217

DOCUMENT-IDENTIFIER: US 6437217 B1

TITLE: Maize RS81 promoter and methods for use thereof

DATE-ISSUED: August 20, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/468, 536/23.6, 536/24.1, 800/260, 800/275, 800/279, 800/287, 800/289, 800/295, 800/298, 800/300, 800/301, 800/302, 800/303, 800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 23. Document ID: US 6433252 B1

L1: Entry 23 of 38

File: USPT

Aug 13, 2002

US-PAT-NO: 6433252

DOCUMENT-IDENTIFIER: US 6433252 B1

**** See image for Certificate of Correction ****

TITLE: Maize L3 oleosin promoter

DATE-ISSUED: August 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kriz; Alan L.	Gales Ferry	CT		
Griffor; Mathew	North Stonington	CT		

US-CL-CURRENT: 800/287; 435/418, 435/419, 435/468, 536/23.4, 536/23.6, 536/23.7,
536/24.1, 800/278, 800/279, 800/312, 800/314, 800/316, 800/317.2, 800/317.3,
800/317.4, 800/320, 800/320.1, 800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 24. Document ID: US 6429357 B1

L1: Entry 24 of 38

File: USPT

Aug 6, 2002

US-PAT-NO: 6429357

DOCUMENT-IDENTIFIER: US 6429357 B1

**** See image for Certificate of Correction ****

TITLE: Rice actin 2 promoter and intron and methods for use thereof

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Wu; Ray	Ithaca	NY		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/412, 435/413, 435/414, 435/416,
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,
800/279, 800/281, 800/284, 800/289, 800/290, 800/292, 800/293, 800/294, 800/295,
800/298, 800/300, 800/301, 800/302, 800/303, 800/306, 800/312, 800/314, 800/317.2,
800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.3, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 25. Document ID: US 6426446 B1

L1: Entry 25 of 38

File: USPT

Jul 30, 2002

US-PAT-NO: 6426446

DOCUMENT-IDENTIFIER: US 6426446 B1

TITLE: Maize RS324 promoter and methods for use thereof

DATE-ISSUED: July 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/468, 536/23.6, 536/24.1, 800/260,
800/275, 800/279, 800/287, 800/289, 800/295, 800/298, 800/300, 800/302, 800/303,
800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1,
800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 26. Document ID: US 6392119 B1

L1: Entry 26 of 38

File: USPT

May 21, 2002

US-PAT-NO: 6392119

DOCUMENT-IDENTIFIER: US 6392119 B1

TITLE: Two component plant cell lethality methods and compositions

DATE-ISSUED: May 21, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gutterson; Neal	Oakland	CA		
Ralston; Ed	Pleasant Hill	CA		

US-CL-CURRENT: 800/278; 435/410, 435/418, 435/419, 435/440, 435/468, 435/469,
435/69.1, 800/288, 800/290, 800/295, 800/298, 800/300, 800/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw. De
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☐ 27. Document ID: US 6388169 B1

L1: Entry 27 of 38

File: USPT

May 14, 2002

US-PAT-NO: 6388169

DOCUMENT-IDENTIFIER: US 6388169 B1

**** See image for Certificate of Correction ****

TITLE: Maize orthologues of bacterial RecA proteins

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahajan; Pramod B.	Urbandale	IA		
Shi; Jinrui	Johnston	IA		
Baszczynski; Christopher	Urbandale	IA		
McElver; John	Durham	NC		
Bowen; Benjamin	Hayward	CA		

US-CL-CURRENT: 800/278; 435/320.1, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,
536/24.1, 536/24.5, 800/286, 800/295, 800/298, 800/306, 800/312, 800/314, 800/320,
800/320.1, 800/320.2, 800/320.3, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D
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☐ 28. Document ID: US 6384304 B1

L1: Entry 28 of 38

File: USPT

May 7, 2002

US-PAT-NO: 6384304

DOCUMENT-IDENTIFIER: US 6384304 B1

TITLE: Conditional sterility in wheat

DATE-ISSUED: May 7, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Quandt; Jurgen	Saskatoon			CA
Bartsch; Klaus	Konigstein			DE
Knittel; Nathalie	Frankfurt			DE

US-CL-CURRENT: 800/320.3; 435/418, 435/419, 435/468, 800/271, 800/274, 800/278,
800/287, 800/288, 800/300, 800/303

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. D
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☐ 29. Document ID: US 6376743 B1

L1: Entry 29 of 38

File: USPT

Apr 23, 2002

US-PAT-NO: 6376743

DOCUMENT-IDENTIFIER: US 6376743 B1

TITLE: Mammalian transgenesis by intracytoplasmic sperm injection

DATE-ISSUED: April 23, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yanagimachi; Ryuzo	Honolulu	HI		

US-CL-CURRENT: 800/18; 435/325, 435/455, 800/13, 800/14, 800/21, 800/3

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Amendments	Claims	KMC	Draw. Data
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☐ 30. Document ID: US 6307123 B1

L1: Entry 30 of 38

File: USPT

Oct 23, 2001

US-PAT-NO: 6307123

DOCUMENT-IDENTIFIER: US 6307123 B1

TITLE: Methods and compositions for transgene identification

DATE-ISSUED: October 23, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kriz; Alan L.	Gales Ferry	CT		
Spencer; T. Michael	Mystic	CT		

US-CL-CURRENT: 800/282; 536/23.4, 536/24.1, 800/266, 800/288, 800/300, 800/301

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Amendments	Claims	KMC	Draw. Data
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Terms	Documents
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Search Results - Record(s) 31 through 38 returned.

☐ 31. Document ID: US 6303312 B1

L1: Entry 31 of 38

File: USPT

Oct 16, 2001

US-PAT-NO: 6303312

DOCUMENT-IDENTIFIER: US 6303312 B1

TITLE: Complex formation between dsDNA and oligomer of cyclic heterocycles

DATE-ISSUED: October 16, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dervan; Peter B.	San Marino	CA		
Gottesfeld; Joel M.	Del Mar	CA		

US-CL-CURRENT: 435/6; 536/26.6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. D
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☐ 32. Document ID: US 6232526 B1

L1: Entry 32 of 38

File: USPT

May 15, 2001

US-PAT-NO: 6232526

DOCUMENT-IDENTIFIER: US 6232526 B1

TITLE: Maize A3 promoter and methods for use thereof

DATE-ISSUED: May 15, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Kriz; Alan L.	Gales Ferry	CT		
Orozco, Jr.; Emil M.	West Grove	PA		
Griffor; Matt	N. Stonington	CT		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/413, 435/414, 435/415, 435/416,
435/417, 435/418, 435/419, 435/468, 435/69.1, 536/23.1, 536/23.6, 536/24.1,
800/279, 800/281, 800/284, 800/287, 800/289, 800/290, 800/295, 800/298, 800/300,
800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320, 800/320.1, 800/320.2,

800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 33. Document ID: US 6207879 B1

L1: Entry 33 of 38

File: USPT

Mar 27, 2001

US-PAT-NO: 6207879

DOCUMENT-IDENTIFIER: US 6207879 B1

**** See image for Certificate of Correction ****

TITLE: Maize RS81 promoter and methods for use thereof

DATE-ISSUED: March 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/418, 435/419, 435/468, 435/69.1,
536/23.1, 536/23.6, 536/24.1, 800/279 , 800/281, 800/284, 800/287, 800/289,
800/290, 800/292, 800/293, 800/294, 800/295, 800/298, 800/300, 800/301, 800/302,
800/303, 800/306, 800/312, 800/314, 800/317, 800/317.2, 800/317.3, 800/317.4,
800/320, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 34. Document ID: US 6194636 B1

L1: Entry 34 of 38

File: USPT

Feb 27, 2001

US-PAT-NO: 6194636

DOCUMENT-IDENTIFIER: US 6194636 B1

**** See image for Certificate of Correction ****

TITLE: Maize RS324 promoter and methods for use thereof

DATE-ISSUED: February 27, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McElroy; David	Palo Alto	CA		
Orozco, Jr.; Emil M.	West Grove	PA		
Laccetti; Lucille B.	Groton	CT		

US-CL-CURRENT: 800/278; 435/252.3, 435/320.1, 435/418, 435/419, 435/468, 435/69.1,
536/23.1, 536/23.6, 536/24.1, 800/279 , 800/281, 800/284, 800/287, 800/289,
800/290, 800/292, 800/293, 800/294, 800/295, 800/298, 800/300, 800/301, 800/302,

800/303, 800/306, 800/312, 800/314, 800/317.2, 800/317.3, 800/317.4, 800/320.1,
800/320.2, 800/320.3

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 35. Document ID: US 6143901 A

L1: Entry 35 of 38

File: USPT

Nov 7, 2000

US-PAT-NO: 6143901

DOCUMENT-IDENTIFIER: US 6143901 A

**** See image for Certificate of Correction ****

TITLE: Complex formation between dsDNA and pyrrole imidazole polyamides

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dervan; Peter B.	San Marino	CA		

US-CL-CURRENT: 548/312.4; 435/75

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 36. Document ID: US 6107545 A

L1: Entry 36 of 38

File: USPT

Aug 22, 2000

US-PAT-NO: 6107545

DOCUMENT-IDENTIFIER: US 6107545 A

TITLE: Maize RAD6 genes and uses thereof

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mahajan; Pramod B.	Urbandale	IA		

US-CL-CURRENT: 800/278; 435/419, 435/430, 435/431, 435/468, 435/69.1, 435/69.2,
536/23.1, 536/23.2, 536/23.6, 536/24.1, 536/24.5, 800/286, 800/306, 800/312,
800/314, 800/320, 800/320.1, 800/320.2, 800/320.3, 800/322

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 37. Document ID: US 5998140 A

L1: Entry 37 of 38

File: USPT

Dec 7, 1999

US-PAT-NO: 5998140
DOCUMENT-IDENTIFIER: US 5998140 A

TITLE: Complex formation between dsDNA and oligomer of cyclic heterocycles

DATE-ISSUED: December 7, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dervan; Peter B.	San Marino	CA		
Gottesfeld; Joel M.	Del Mar	CA		

US-CL-CURRENT: 435/6; 536/24.3, 536/24.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Drawings	Claims	KWIC	Draw. Des.
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☐ 38. Document ID: US 5530191 A

L1: Entry 38 of 38

File: USPT

Jun 25, 1996

US-PAT-NO: 5530191
DOCUMENT-IDENTIFIER: US 5530191 A

TITLE: Method for producing cytoplasmic male sterility in plants and use thereof in production of hybrid seed

DATE-ISSUED: June 25, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maliga; Pal	East Brunswick	NJ		

US-CL-CURRENT: 800/274; 47/DIG.1, 800/287, 800/298, 800/303

Full	Title	Citation	Front	Review	Classification	Date	Reference	Drawings	Claims	KWIC	Draw. Des.
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NEWS	12	AUG 02 CPlus and CA patent records enhanced with European and Japan Patent Office Classifications
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L1 20 PLASTID AND RECOMBINASE

=> dup rem l1
PROCESSING COMPLETED FOR L1
L2 14 DUP REM L1 (6 DUPLICATES REMOVED)

=> d 1-14

L2 ANSWER 1 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
AN 2004:192685 BIOSIS
DN PREV200400180579
TI A novel approach to **plastid** transformation utilizes the phiC31
phage integrase.
AU Lutz, Kerry A.; Corneille, Sylvie; Azhagiri, Arun K.; Svab, Zora; Maliga,
Pal [Reprint Author]
CS Waksman Institute, Rutgers University, 190 Frelinghuysen Road, Piscataway,
NJ, 08854-8020, USA
maliga@waksman.rutgers.edu
SO Plant Journal, (March 2004) Vol. 37, No. 6, pp. 906-913. print.
ISSN: 0960-7412 (ISSN print).
DT Article
LA English
ED Entered STN: 7 Apr 2004
Last Updated on STN: 7 Apr 2004

L2 ANSWER 2 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2004:593120 CAPLUS
TI **Plastid** transformation in higher plants
AU Maliga, Pal
CS Waksman Institute, Rutgers University, Piscataway, NJ, 08854-8020, USA
SO Annual Review of Plant Biology (2004), 55, 289-313, 3 plates C1-C3
CODEN: ARPDW
PB Annual Reviews Inc.
DT Journal
LA English
RE.CNT 173 THERE ARE 173 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 1
AN 2004:79318 CAPLUS
DN 140:230099
TI Generation of marker-free **plastid** transformants using a

transiently cointegrated selection gene
 AU Klaus, Sebastian M. J.; Huang, Fong-Chin; Golds, Timothy J.; Koop,
 Hans-Ulrich
 CS ICON Genetics AG, Research Centre Freising, Freising, 85354, Germany
 SO Nature Biotechnology (2004), 22(2), 225-229
 CODEN: NABIF9; ISSN: 1087-0156
 PB Nature Publishing Group
 DT Journal
 LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 4 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:571158 CAPLUS
 DN 139:112718
 TI Method for enhancing plant **plastid** transformation efficiency
 using procaryotic **recombinase** gene recA
 IN Liu, Jang-Ryol; Jeong, Won-Joong; Min, Sung-Ran; Jeong, Seok-Won; Han,
 Su-Kyoung
 PA Korea Research Institute of Bioscience and Biotechnology, S. Korea
 SO PCT Int. Appl., 21 pp.
 CODEN: PIXXD2
 DT Patent
 LA English

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003060137	A1	20030724	WO 2002-KR2506	20021231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				

PRAI KR 2002-218 A 20020103

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 5 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:511507 CAPLUS
 DN 139:80145
 TI Method for the transformation of vegetable **plastids**
 IN Biesgen, Christian
 PA Sungene GmbH & Co. Kgaa, Germany
 SO PCT Int. Appl., 164 pp.
 CODEN: PIXXD2
 DT Patent
 LA German

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003054201	A1	20030703	WO 2002-EP14303	20021216
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,				

UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
 RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
 CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
 PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

PRAI DE 2001-10163159 A 20011220

RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 6 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 2
 AN 2003:827984 CAPLUS
 DN 140:88548
 TI Identification of functional lox sites in the **plastid** genome
 AU Corneille, Sylvie; Lutz, Kerry A.; Azhagiri, Arun K.; Maliga, Pal
 CS Waksman Institute, Rutgers, The State University of New Jersey,
 Piscataway, NJ, 08854-8020; USA
 SO Plant Journal (2003), 35(6), 753-762
 CODEN: PLJUED; ISSN: 0960-7412
 PB Blackwell Publishing Ltd.
 DT Journal
 LA English

RE.CNT 41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 7 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:778110 CAPLUS
 DN 137:289921
 TI Use of integrases to promote the insertion of foreign DNA into the
plastid genome
 IN Maliga, Pal; Corneille, Sylvie; Lutz, Kerry
 PA Rutgers, the University of New Jersey, USA
 SO PCT Int. Appl., 76 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002079409	A2	20021010	WO 2002-US9537	20020329
	WO 2002079409	A3	20030508		
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
	US 2004163145	A1	20040819	US 2004-473207	20040310
PRAI	US 2001-279615P	P	20010329		
	WO 2002-US9537	W	20020329		

L2 ANSWER 8 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2002:449896 CAPLUS
 DN 137:29039
 TI Construction of bicistronic-transgene expression vectors containing
 internal ribosome entry site (IRES) regulated selectable marker for
 transgenic plants
 IN Gleba, Yuri; Klimyuk, Victor; Benning, Gregor; Elibay, Serik

PA Icon Genetics Ag, Germany
SO PCT Int. Appl., 46 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002046440	A2	20020613	WO 2001-EP14421	20011207
	WO 2002046440	A3	20030227		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
	DE 10061150	A1	20020613	DE 2000-10061150	20001208
	AU 2002016082	A5	20020618	AU 2002-16082	20011207
	EP 1339859	A2	20030903	EP 2001-999657	20011207
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
	US 2004088764	A1	20040506	US 2003-416931	20031224
PRAI	DE 2000-10061150	A	20001208		
	WO 2001-EP14421	W	20011207		

L2 ANSWER 9 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 3
AN 2002:135439 CAPLUS
DN 138:50266
TI Engineering the **plastid** genome of higher plants
AU Maliga, Pal
CS Waksman Institute, Rutgers, The State University of New Jersey, Piscataway, NJ, 08854-8020, USA
SO Current Opinion in Plant Biology (2002), 5(2), 164-172
CODEN: COPBFZ; ISSN: 1369-5266
PB Elsevier Science Ltd.
DT Journal; General Review
LA English
RE.CNT 48 THERE ARE 48 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 10 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN
AN 2001:300890 CAPLUS
DN 134:321587
TI Site-specific recombination in plant cell **plastids** via transit peptide-**recombinase** fusion expression
IN Staub, Jeffrey M.
PA Calgene Llc, USA
SO PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001029241	A2	20010426	WO 2000-US28620	20001016
	WO 2001029241	A3	20011129		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA,				

MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI,
 SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ,
 BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
 CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 BR 2000014858 A 20020716 BR 2000-14858 20001016
 EP 1222296 A2 20020717 EP 2000-972211 20001016
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL
 PRAI US 1999-159876P P 19991015
 US 2000-225542P P 20000816
 WO 2000-US28620 W 20001016

L2 ANSWER 11 OF 14 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2001:229015 CAPLUS

DN 134:261838

TI Site-specific recombination system to manipulate the **plastid**
 genome of higher plants

IN Maliga, Pal; Corneille, Sylvie; Lutz, Kerry

PA Rutgers, the State University of New Jersey, USA

SO PCT Int. Appl., 83 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001021768	A1	20010329	WO 2000-US25930	20000921
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	EP 1218488	A1	20020703	EP 2000-963696	20000921
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
	US 2003088081	A1	20030508	US 2002-109812	20020329
PRAI	US 1999-155007P	P	19990921		
	US 2000-211139P	P	20000613		
	WO 2000-US25930	W	20000921		
	US 2001-279591P	P	20010329		

RE.CNT 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 12 OF 14 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 2001:420984 BIOSIS

DN PREV200100420984

TI Efficient elimination of selectable marker genes from the **plastid**
 genome by the CRE-lox site-specific recombination system.

AU Corneille, Sylvie; Lutz, Kerry; Svab, Zora; Maliga, Pal [Reprint author]

CS Waksman Institute, Rutgers, State University of New Jersey, 190

Frelinghuysen Road, Piscataway, NJ, 08854-8020, USA

maliga@waksman.rutgers.edu

SO Plant Journal, (July, 2001) Vol. 27, No. 2, pp. 171-178. print.

ISSN: 0960-7412.

DT Article

LA English

ED Entered STN: 5 Sep 2001
Last Updated on STN: 22 Feb 2002

L2 ANSWER 13 OF 14 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN

AN 2004:10564 AGRICOLA

DN IND43617974

TI A novel approach to **plastid** transformation utilizes the phiC31
phage integrase.

AU Lutz, K.A.; Corneille, S.; Azhagiri, A.K.; Svab, Z.; Maliga, P.

AV DNAL (QK710.P68)

SO Plant journal, p. 906-913

ISSN: 0960-7412

NTE Includes references

DT Article

FS Non US

LA English

L2 ANSWER 14 OF 14 AGRICOLA Compiled and distributed by the National
Agricultural Library of the Department of Agriculture of the United States
of America. It contains copyrighted materials. All rights reserved.
(2004) on STN

AN 2004:9019 AGRICOLA

DN IND43616316

TI Identification of functional lox sites in the **plastid** genome.

AU Corneille, S.; Lutz, K.A.; Azhagiri, A.K.; Maliga, P.

AV DNAL (QK710.P68)

SO Plant journal, p. 753-762

ISSN: 0960-7412

NTE Includes references

DT Article

FS Non US

LA English

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Search Results - Record(s) 1 through 7 of 7 returned.

☐ 1. Document ID: US 6781033 B2

L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Staub; Jeffrey M</u>	Wildwood	MO		
Ye; Guangning	Ellisville	MO		
Broyles; Debra L.	Wright City	MO		

US-CL-CURRENT: 800/278; 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	MMIC	Draw De
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☐ 2. Document ID: US 6512162 B2

L3: Entry 2 of 7

File: USPT

Jan 28, 2003

US-PAT-NO: 6512162

DOCUMENT-IDENTIFIER: US 6512162 B2

TITLE: Expression of eukaryotic peptides in plant plastids

DATE-ISSUED: January 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McBride; Kevin E.	Davis	CA		
Nehra; Narender	Chesterfield	MO		
Russell; Douglas A.	Madison	WI		
Stalker; David M.	Woodland	CA		
<u>Staub; Jeffrey M.</u>	Chesterfield	MO		

US-CL-CURRENT: 800/278; 435/419, 435/468, 536/23.5, 536/23.6, 536/23.7, 536/23.72,
536/24.1, 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 3. Document ID: US 6492578 B1

L3: Entry 3 of 7

File: USPT

Dec 10, 2002

US-PAT-NO: 6492578

DOCUMENT-IDENTIFIER: US 6492578 B1

TITLE: Expression of herbicide tolerance genes in plant plastids

DATE-ISSUED: December 10, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Staub; Jeffrey M.</u>	Chesterfield	MO		
Hajdukiewicz; Peter	Chesterfield	MO		
McBride; Kevin E.	Davis	CA		
Nehra; Narender	Chesterfield	MO		
Schaaf; David J.	Davis	CA		
Stalker; David M.	Woodland	CA		
Ye; Guangning	Ellisville	MO		

US-CL-CURRENT: 800/300; 435/418, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,
536/23.7, 536/23.72, 536/24.1, 800/278 , 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw. De
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☐ 4. Document ID: US 6388168 B1

L3: Entry 4 of 7

File: USPT

May 14, 2002

US-PAT-NO: 6388168

DOCUMENT-IDENTIFIER: US 6388168 B1

TITLE: DNA constructs and methods for stably transforming plastids of multicellular plants and expressing recombinant proteins therein

DATE-ISSUED: May 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maliga; Pal	East Brunswick	NJ		
Maliga; Zora Svab	East Brunswick	NJ		
<u>Staub; Jeffrey M.</u>	Wildwood	MO		

US-CL-CURRENT: 800/278; 435/320.1, 435/468, 435/69.1, 536/23.6, 536/23.7,
536/23.72, 536/24.1, 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 5. Document ID: US 6271444 B1

L3: Entry 5 of 7

File: USPT

Aug 7, 2001

US-PAT-NO: 6271444

DOCUMENT-IDENTIFIER: US 6271444 B1

TITLE: Enhancer elements for increased translation in plant plastids

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
McBride; Kevin E.	Davis	CA		
<u>Staub; Jeffrey M.</u>	Chesterfield	MO		

US-CL-CURRENT: 800/300; 435/418, 435/419, 435/468, 435/69.1, 536/23.2, 536/23.6,
536/23.7, 536/23.72, 536/24.1, 800/278 , 800/287, 800/288

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 6. Document ID: US 6218145 B1

L3: Entry 6 of 7

File: USPT

Apr 17, 2001

US-PAT-NO: 6218145

DOCUMENT-IDENTIFIER: US 6218145 B1

TITLE: Bacterial expression systems based on plastic or mitochondrial promoter combinations

DATE-ISSUED: April 17, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bogosian; Gregg	Chesterfield	MO		
O'Neil; Julia P.	St. Louis	MO		
<u>Staub; Jeffrey M.</u>	Wildwood	MO		

US-CL-CURRENT: 435/69.1; 435/194, 435/252.33, 435/320.1, 435/325, 435/410, 435/476,
435/483, 435/485

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 7. Document ID: US 5877402 A

L3: Entry 7 of 7

File: USPT

Mar 2, 1999

US-PAT-NO: 5877402

DOCUMENT-IDENTIFIER: US 5877402 A

**** See image for Certificate of Correction ****

TITLE: DNA constructs and methods for stably transforming plastids of multicellular plants and expressing recombinant proteins therein

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Maliga; Pal	East Brunswick	NJ		
Maliga; Zora Svab	East Brunswick	NJ		
<u>Staub; Jeffrey M.</u>	Marlton	NJ		
Zoubenko; Oleg	Piscataway	NJ		
Allison; Lori A.	Highland Park	NJ		
Carrer; Helaine	Piracicaba			BR
Kanevski; Ivan	Piscataway	NJ		

US-CL-CURRENT: 800/298; 435/320.1, 435/419, 435/69.8, 536/23.6, 536/24.1, 800/287

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	RWC	Draw. De
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plant and L2	7

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L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids.

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Staub; Jeffrey M</u>	Wildwood	MO		
Ye; Guangning	Ellisville	MO		
Broyles; Debra L.	Wright City	MO		

US-CL-CURRENT: 800/278; 800/288

CLAIMS:

What is claimed is:

1. A method for obtaining a transplastomic plant, wherein the method comprises the steps of: a) introducing into a plastid of a plant cell a recombinant nucleic acid construct comprising regions of plastid homology, a promoter functional in a plant cell plastid, a nucleic acid sequence encoding a glyphosate resistant EPSPS, and a transcriptional termination region functional in a plant cell plastid to produce a transformed plant cell, b) placing said transformed plant cell on a first culture medium comprising a sublethal amount of glyphosate for a period of time sufficient to permit said plant cell to replicate to produce replicated plant cells, and c) placing said replicated plant cells on a second culture medium comprising a lethal concentration of glyphosate for a period of time sufficient to select plant cells capable of growing in the presence of glyphosate; and d) regenerating a transplastomic plant from said plant cells that grow in said second culture medium.

2. The method according to claim 1, wherein said glyphosate resistant EPSPS is CP4.

3. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 12 weeks.

4. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 8 weeks.

5. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 4 weeks.

6. The method according to claim 1, wherein said plant cell is selected on

said first culture medium for less than about 3 weeks.

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L3: Entry 1 of 7

File: USPT

Aug 24, 2004

US-PAT-NO: 6781033

DOCUMENT-IDENTIFIER: US 6781033 B2

TITLE: Method for the transformation of plant cell plastids

DATE-ISSUED: August 24, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Staub; Jeffrey M</u>	Wildwood	MO		
Ye; Guangning	Ellisville	MO		
Broyles; Debra L.	Wright City	MO		

US-CL-CURRENT: 800/278; 800/288

CLAIMS:

What is claimed is:

1. A method for obtaining a transplastomic plant, wherein the method comprises the steps of: a) introducing into a plastid of a plant cell a recombinant nucleic acid construct comprising regions of plastid homology, a promoter functional in a plant cell plastid, a nucleic acid sequence encoding a glyphosate resistant EPSPS, and a transcriptional termination region functional in a plant cell plastid to produce a transformed plant cell, b) placing said transformed plant cell on a first culture medium comprising a sublethal amount of glyphosate for a period of time sufficient to permit said plant cell to replicate to produce replicated plant cells, and c) placing said replicated plant cells on a second culture medium comprising a lethal concentration of glyphosate for a period of time sufficient to select plant cells capable of growing in the presence of glyphosate; and d) regenerating a transplastomic plant from said plant cells that grow in said second culture medium.

2. The method according to claim 1, wherein said glyphosate resistant EPSPS is CP4.

3. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 12 weeks.

4. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 8 weeks.

5. The method according to claim 1, wherein said plant cell is selected on said first culture medium for less than about 4 weeks.

6. The method according to claim 1, wherein said plant cell is selected on

said first culture medium for less than about 3 weeks.

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